

Çağrı Durmaz

Continuous Improvement Lead Engineer

Continuous Improvement Lead Engineer with over ten years of experience implementing Lean Six Sigma principles in aerospace and manufacturing sectors. Recognized as an ISO9001 Lead Auditor and LSS Black Belt coached over 1,000 employees on continuous improvement methodologies. Currently pursuing a PhD in Industrial Engineering to remain at the forefront of advancements in operational excellence.

WORK EXPERIENCE

Continuous Improvement Lead Engineer

November 2018 – Present

Roketsan, Ankara, Turkey

- To execute continuous improvement processes aimed at increasing the effectiveness of management systems with Lean Six Sigma Projects
- Consulted +100 continuous improvement projects per year (Black Belt, Green Belt, DoE, Kaizen, 5S), trained +1000 employees on lean manufacturing and six sigma methodologies
- Established a lean transformation office and developed a corporate lean transformation roadmap, achieving a 15% increase in overall operational efficiency within the first year.
- Executed activities such as Value Stream Mapping (VSM), time studies, process balancing, Kaizen events, and standardization, resulting in a 20% reduction in production cycle times and a 25% improvement in process consistency.
- Conducted audits of business processes as a certified Integrated Management Systems Lead Auditor and Lean Expert, identifying inefficiencies that led to a 10% reduction in non-conformance rates.
- Designed interactive dashboards for process owners, utilizing Python and Data Science algorithms to track and analyze KPIs, leading to real time performance monitoring and a 30% improvement in decision making speed.

Industrial Engineer

October 2014 – November 2018

Beko Cooking Appliances, Bolu, Turkey

- Spearheaded initiatives to increase labor productivity by 25% through effective line balancing and time studies, enhancing overall operational efficiency across production lines.
- Implemented advanced material handling strategies that reduced average handling time by 30%, optimizing workflow and minimizing bottlenecks within the manufacturing process.
- Conducted detailed make-or-buy analyses that informed strategic sourcing decisions, resulting in a 15% reduction in manufacturing costs while maintaining product quality standards.
- Led the TPM Synchronous Committee to improve equipment effectiveness, achieving a 20% reduction in downtime through proactive maintenance scheduling and employee training programs.

CONTACT

- Ankara, Turkey (Open to Remote)
- +90 (530) 0677690
- cagridurmaz@gmail.com
- linkedin.com/in/durmazcagri

SKILLS

Hard Skills:

- Lean Manufacturing
- Value Stream Mapping
- Root Cause Analysis
- Project Management

Techniques:

- Process Optimization
- Operations Management
- Continuous Process Improvement
- Lean Six Sigma

Tools and Software:

- Minitab
- SPSS
- Arena
- Tableau
- AVIX
- MS Project
- Python

EDUCATION

Hacettepe University
Doctor of Philosophy
Industrial Engineering
Ankara, Turkey – Present

Master of Science
Data and Knowledge Engineering
Ankara, Turkey – 2024

Master of Science
Industrial Engineering
Ankara, Turkey – 2022

Thesis: Selecting and Prioritizing
Continuous Improvement Projects
Using Fuzzy Multi-Criteria Decision-
Making Methods

Gazi University
Bachelor of Science
Industrial Engineering
Ankara, Turkey – 2014

OTHER

- Lean Six Sigma Black Belt
- DFSS Black Belt
- QMS ISO 9001:2015 Lead Auditor
- ISO 27001:2013 Internal Auditor
- AS9100: 2016 REV.D Internal Auditor
- Google Cloud Data Analyst
- MS Office Super User
- MTM – SD Analyst